

Product Data Sheet

Cat # RP-344

Recombinant Dengue Virus NS3 Type 1

Size: 50ug

Caused by one of four closely related virusserotypesof the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholinoantisense oligos have shown specific activity against Dengue virus

Usage: This item is for LABORATORY ESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals

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Source: The E.coli derived recombinant protein contains the NS3 Dengue Virus Type 1 29-79 amino acids immunodominant regions Dengue protein is purified by proprietary chromatographic technique 50mM Tris-Hcl pH 8.0, 60mM NaCl, 10mM glutathione and 50% glycerol.

Applications and Suggested Dilutions: Dengue protein is >95% pure as determined by 10% PAGE (coomassie staining). Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: Dengue protein is shipped at ambient temperature. Upon arrival, Store at -20°C .Five years frozen. One month in solution at room temperature. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.